

KARAVANOV, R.V.; IVANOV, S.Z.

Complex compounds of alkyl- and polyalkylchlorophosphines with aluminum chloride. Part 4: Interaction of complex compounds of alkyltetrachloro- and dialkyltrichlorophosphines and aluminum chloride with ethanethiol and potassium thiocyanate. Zhur. ob. khim. 35 no.1:78-79 Ja '65. (MIEA 18:2)

KARAVANOV, K.V.; IVIN, S.Z.; LYSENKO, V.V.

Complex compounds of alkyltetrachlorophosphines with aluminum chloride. Part 5: Reaction of the complex compounds of alkyltetrachlorophosphines and aluminum chloride with alkylene oxides and alkylene sulfides. Zhur. ob. khim. 35 no.4:737-738 Ap '65.

(MIRA 18:5)

IVAN, S.Z.; KARAVANOV, K.V.; LYSENKO, V.V.; LEVIN, V.M.

Reaction of alkylidichlorophosphine oxides with carboxamides.
Zhur. ob. khim. 35 no.10:1879 O '65. (MIRA 18:10)

L 7899-66 EWT(m)/EPF(c)/EWP(j)/EWP(t)/EWP(b) IJP(c) JD/RM
ACC NR: AP5024971 SOURCE CODE: UR/0286/65/000/016/0033/0033

AUTHORS: Gruzdev, V. G.; Karavanov, K. V.; Ivin, S. Z.

ORG: none

TITLE: Method for obtaining alkyl dichlorophosphonates, Class 12, No. 172764
Announced by Organization of State Committee for Chemical Industry SSSR
(Organizatsiya gosudarstvennogo komiteta khimicheskoy promyshlennosti SSSR)

SOURCE: Byulleten' izobreteni i tovarnykh znakov, no. 16, 1965, 33

TOPIC TAGS: alkyl dichlorophosphonate, potassium iodide, aluminum chloride,
chlorinated organic compound, organic phosphorus compound.

ABSTRACT: This Author Certificate presents a method for obtaining alkyl dichlorophosphonates by treating complexes of alkyltetrachlorophosphonates and aluminum chloride with a reducing agent. To simplify the method, potassium iodide is used as a reducing agent at 100C.

SUB CODE: 07/ SUBM DATE: 15Jul64

nw
Card 1/1

UDC: 547.419.1.07

L 11200-66	EWT(m)/EMP(1)	RM
ACC NR:	AP6002866	SOURCE CODE: UR/0286/65/000/024/0021/0021
INVENTOR: <u>Ivin, S. Z.; Drozd, G. I.</u>		
ORG: none		
TITLE: Preparative method for (α -Hydroxyalkyl)aryl trifluorophosphines. ⁷ Class 12, No. 176897 5		
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 21 ⁴⁴¹⁵³		
TOPIC TAGS: <u>organic phosphorus compound</u>		
ABSTRACT: An Author Certificate has been issued for a preparative method for (α -hydroxyalkyl) aryl trifluorophosphines [sic] involving the reaction of arylhydrotrifluorophosphorus with aldehydes at 40—60 C. [SK]		
SUB CODE: 07/ SUBM DATE: 26Feb65/ ATD PRESS: 4192		
Card 1/1 <i>J</i>		
UDC: 547.419.1.07		

ACC NR:	AP6012644	SOURCE CODE:	UR/0079/65/035/001/0078/0079
AUTHOR:	<u>Karavanov, K. V.; Ivin, S. Z.</u>		
ORG:	none		
TITLE: Study of complex compounds of alkyl- and polyalkylchlorophosphines with aluminum chloride. IV. Reaction of complex compounds of alkyl tetrachloro- and dialkyltrichlorophosphanes and aluminum chloride with ethylmercaptan and potassium thiocyanide			
SOURCE: Zhurnal obshchey khimii, v. 35, no. 1, 1965, 78-79			
TOPIC TAGS: complex molecule, chemical reaction, organic phosphorous compound, mercaptan, aluminum chloride, cyanide			
ABSTRACT: The reactions of complex compounds alkyltetrachlorophosphines (I) and dialkylchlorophosphanes (II) with ethylmercaptan and potassium thiocyanide were studied. In the reaction of the complex of (I) and (II) with ethyl mercaptan in the presence of calcined potassium chloride, alkylchlorophosphine sulfides (III) are formed with yields up to 75% and dialkylchlorophosphane sulfides (IV) with a yield up to 50%. The reactions evidently occur in two stages. Initially, addition products of ethylmercaptan to the complexes of (I) and (II) are formed with the liberation of hydrogen chloride. Further heating leads to separation of ethylchloride and the products (III) and (IV). Upon heating of the complex compounds			
Card 1/2		UDC: 547.661.718.1	

L 21799-66

ACC NR: AP6012644

of (I) and (II) with potassium chloride, the compounds (III) and (IV) are formed at yields up to 70-80%. [JPRS]

SUB CODE: 07 / SUBM DATE: 28Oct63 / ORIG REF: 004 / OTH REF: 001

Cerd 2/2 RB

L 30474-66

1965/03/10/1879

ACC NR: AP6027087

SOURCE CODE: UR/0079/65/035/010/1879/1879

3/
3AUTHOR: Ivin, S. Z.; Karavanov, K. V.; Lysenko, V. V.; Levin, V. M.

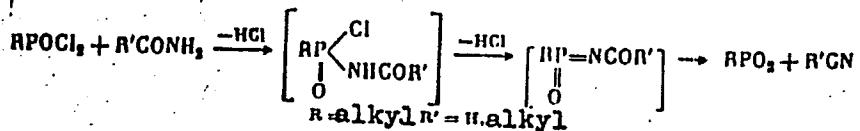
ORG: none

TITLE: Reaction of alkyl dichlorophosphine oxides with carboxylic acid amides

SOURCE: Zhurnal obshchey khimii, v. 35, no. 10, 1965, 1879

TOPIC TAGS: phosphorus compound, carboxylic acid, organic amide, acetic anhydride, phosphinic acid, chemical identification, distillation

ABSTRACT: It has been established for the first time that the reaction of alkyl dichlorophosphine oxides with carboxylic acid amides forms anhydrides of alkylphosphinic acids and compounds containing a cyano group. The reaction can be carried out in a solvent (boiling carbon tetrachloride) or without it at 100-130°C. In the latter case the reaction is much faster. The end products are apparently formed in three states:



Reactions of methyl- and ethyl dichlorophosphine oxides with amides of formic, acetic, and trifluoroacetic acids were carried out.

Anhydrides of alkylphosphinic acids (CH_3PO_2 , $\text{C}_2\text{H}_5\text{PO}_2$) are formed

in 96% yield. They were identified by elementary analysis and by determining the acidity. Compounds containing a cyano group (HCN, CH_3CN , CF_3CN) were separated by fractional distillation and analyzed. Their content was 93-96%. [JPRS: 36,328]

Card 1/1 MLV

SUBM DATE: 30Apr65

UDC: 543.257.1+547.241+547.558.1

2947 20 27

GRUZDEV, V.G.; IVIN, S.Z.; KARAVANOV, K.V.

Complex compounds formed by alkyl- and polyalkylchlorophosphines
with aluminum chloride. Part 7: Reduction of complex compounds
by metals and metal hydrides. Zhur. ob. khim. 35 no.6:1027-
1029 Je '65. (MIRA 18:6)

ACC NR: AP6021417	SOURCE CODE: UR/0413/66/000/011/0020/0020
INVENTOR: <u>Lysenko, V. V.</u> ; <u>Karavanov, K. V.</u> ; <u>Ivin, S. Z.</u>	
ORG: none	
TITLE: Preparation of fluorinated P-alkyl phosphazo compounds. Class 12, No. <u>182152</u>	
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 11, 1966, 20	
TOPIC TAGS: organic synthetic process, organic phosphorus compound, fluorinated organic compound, phosphazo compound	
ABSTRACT: This Author Certificate was issued for a preparative method for the <u>fluorinated P-alkyl phosphazo compounds</u> . A <u>phosphorus alkyl tetrachloride-aluminum chloride complex</u> is treated with a polyfluorocarboxamide in the presence of pyridine in an inert solvent. [JK]	
SUB CODE: 07/ SUBM DATE: 26Mar63	
Card 1/1	11b
UDC: 547.419.1.07	

L 41555-66 EWP(m)/EWP(j) RM

ACC NR: AP6021421

SOURCE CODE: UR/0413/00/000/011/0021/0021

INVENTOR: Ivin, S. Z.; Zinov'yev, Yu. M.; Kulakova, V. N.; Drozd,
G. I.

ORG: none

TITLE: Preparation of alkoxyalkyldifluorophosphoranes. Class 12,
No. 182158

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki,
no. 11, 1966, 21

TOPIC TAGS: organic synthetic process, organic phosphorus compound,
fluorinated organic compound

ABSTRACT: The subject of this invention is a method for the preparation
of alkoxyalkyldifluorophosphoranes by reaction of alkylphosphonous
difluorides with alcohols at -35 to -50C and in the presence of
tertiary amines, e.g., dimethylaniline. [JK]

SUB CODE: 07/ SUBM DATE: 26Feb65

Card 1/1 11b

UDC: 547.419.1.07

REF ID: A67156/07/056/057/077/318

AUTHOR: Лебедев, А. Н.; Касимов, А. В.; Бычкова, В. В.; Голубев, Н. Н.

ORG: none

PTTRM: Pentacovalent organofluorophosphorus compounds. II. Alkylamides of alkyltrifluoro- and dialkyldifluoroorthophosphinic acids

SOURCE: Zhurnal obshchey khimii, v. 36, no. 7, 1966, 1246-1248

TOPIC TERM: amine, organic amide, fluorinated organic compound, organic phosphorus compound

ABSTRACT: Alkylamides of alkyltrifluoro- and dialkyldifluoroorthophosphinic acids were synthesized by the action of amines on alkyltetrafluoro- and dialkyltrifluorophosphines in the presence of substances that bond hydrogen fluoride (potassium fluoride or amines). Good yields of the final products were obtained when an amine was used as the hydrogen fluoride acceptor. Regardless of the amount of the original primary amines, only monoamides were formed; di- and triamides could not be isolated. Seven amides were synthesized and characterized. The allylamide of methyltrifluoroorthophosphinic acid added bromine at the double bond, forming the 2,3-dibromopropylamide of methyltrifluoro- orthophosphinic acid. Orig. art. has: 1 table. [JPRS: 38,970]

SUB CODE: 07 / SUBM DATE: 04Jun65 / ORIG REF: 002 / OTH REF: 001

UDC: 547.241

Card 1/1

ACC NR: AP6030556

SOURCE CODE: UR/0413/66/000/016/0032/0032

INVENTOR: Karavanov, K. V.; Ivin, S. Z.; Gruzdev, V. G.

ORG: none

TITLE: Preparation of alkyl(aryl)tetrafluorophosphines or dialkyl trifluorophosphines
Class 12, No. 184851

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 32

TOPIC TAGS: alkyl tetrafluro phosphine, dialkyl trifluorophosphine, aryl tetrafluoro-
phosphine, diaryl trifluorophosphine, ORGANIC PHOSPHORUS COMPOUND,
FLUORINE COMPOUND

ABSTRACT: To simplify the technology of the preparation of alkyl(aryl)tetrafluoro-
phosphines or dialkyltrifluorophosphines by the reaction of organophos-
phorus compounds with SbF_3 , alkyl(aryl)dichloro(fluoro)phosphine sul-
fides or dialkylchloro(fluoro)phosphine sulfides are used as the organo-
phosphorus compounds and the process is carried out with heating to
50—120°C. [WA-50; CBM No. 11]

SUB CODE: 07/ SUBM DATE: 25May65/

Card 1/1

UDC: 547.412.13'241.07

ACC NR: AP6033458

SOURCE CODE: UR/0413/66/000/018/0040/0040

INVENTOR: Gruzdev, V. G.; Ivin, S. Z.; Karavanov, K. V.

ORG: none

TITLE: Preparation of allyldichlorophosphine oxide. Class 12,
No. 185910

SOURCE: Izobret prom obraz tav zn, no. 18, 1966, 40

TOPIC TAGS: allyldichlorophosphine oxide ~~preparation~~, alkyldichloro-
phosphine, allyl halide, halide, organic phosphorus compound

ABSTRACT: To simplify the process of the preparation of allyldichloro-
phosphine oxide, an alkyldichlorophosphine is heated with an allyl
halide at the boiling point of the initial reagents. [W.A. 50]

SUB CODE: 07/ SUBM DATE: 15Jul65

Card 1/1

UDC: 547.241.07

L 11413-67 EWT(m)/EWP(j) RM

ACC NR: AP7003671

SOURCE CODE: UR/C079/66/036/008/1507/1507

AUTHOR: Lysenko, V. V.; Shelakova, I. D.; Karavanov, K. V.; Ivin, S. Z.

11
1

ORG: none

TITLE: Pentacovalent phosphorus compounds. Interaction of methyltetrafluorophosphine with carboxylic acid anhydrides

SOURCE: Zhurnal obshchey khimii v. 36, no. 8, 1966, 1507

TOPIC TAGS: alkylphosphine, carboxylic acid anhydride, fluorinated organic compound

ABSTRACT: Methyltetrafluorophosphine was found to react with acetic, propionic, and butyric anhydrides, forming methyldifluorophosphine oxide and fluorides of the corresponding acids. The reaction rate drops with increasing molecular weight of the carboxylic acid anhydride, and the yield of the substances formed decreases. The authors intend to publish a further series of reports on the chemistry of pentacovalent phosphorus compounds under the title, "Derivatives of Phosphorus Acids Containing the P-F Bond." [JPRS: 38,970]

SUB CODE: 07 / SUBM DATE: 04Mar66 / OTH REF: 002

Card 1/1 jb

09036 00361

ACC NR: AP7013153

SOURCE CODE: UR/0413/66/000·021·0041/0041

INVENTOR: Ivin, S. Z.; Promonenkov, V. K.; Fokin, Ye. A.

ORG: none

TITLE: Method for preparing perfluorochlorovinylphosphates. Class 12,
No. 187787

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21,
1966, 41

TOPIC TAGS: phosphate, organic phosphorus compound, chlorinated organic
compound, organic chemical synthesis

SUB CODE: 07

ABSTRACT: 1. A method is claimed for the preparation of perfluoro-chlorovinylphosphates by reaction of halogen-carbonyl containing compounds with alkylphosphites, differing in that for the purpose of broader utilization of resources, dialkylphosphates are used as alkylphosphites and the process is conducted with heating. 2. The method as outlined in paragraph 1 with the exception that the heating is conducted at 30-80°C. [JPRS: 40,422]

Cord 1'1

UDC: 547.413.5'341.07

0933 0863

KRUGLOV, M.G., kand.tekhn.nauk, dotsent; KOZLOV, N.P., inzh.; IVIN, V.I.,
inzh.

Problems in designing a two-cycle tractor engine with a
loop scavenging. Izv.vys.ucheb.zav.; mashinostr. no.5:124-129 '62.
(MIRA 15:10)

1. Moskovskoye vyssheye tekhnicheskoye uchilische imeni Baumana.
(Tractors—Engines)

KRUGLOW, M.G., kand.tekhn.nauk; IVIN, V.I., inzh.

Effect of the power loss component on the performance of a two-cycle
diesel engine with network blow-out. Energomashinostroenie 9
no.2:16-20 F '63. (MIRA 16:3)
(Diesel engines)

ACC NR: AP/006678

(N)

SOURCE CODE: UR/0145/66/000/010/0078/0081

AUTHOR: Kruglov, M. G. (Doctor of technical sciences); Ivin, V. I. (Candidate of technical sciences)

ORG: MVTU im. N. E. Bauman

TITLE: Use of a model for studying gas exchange, supercharging and vapor mixing conditions in a combination two-cycle high-power diesel

SOURCE: IVUZ. Mashinostroyeniye, no. 10, 1966, 78-81

TOPIC TAGS: diesel engine, engine fuel system, dimensional analysis, model scaling

ABSTRACT: The article is a report on work being done at the Moscow Technical College im. Bauman on theoretical problems involved in designing the gas-air channel in a high-power diesel engine. The methods of dimensional analysis are used for determining the parameters of a model suitable for this study and the properties of the scavenging agent applicable to the given model. Dimensionless formulas are derived for finding the necessary viscosity of the scavenging agent according to conditions of similarity. Recommendations are given for pressure compensation where the viscosity of the scavenging agent does not conform to the given model. The operating principle of the model is set forth briefly together with the experimental procedure. Orig. art. has: 4 formulas.

SUB CODE: 21/ SUBM DATE: 15Feb66/ ORIG REF: 002/

Card 1/1

UDC: 621.436

Ivin, Ya.Ye.

SOV/94-58-11-10/28

AUTHOR: Aerov, L.P.
Bas'kov, K.P.
Bovin, V.G.
Georgiyevskiy, P.I.
Ivin, Ya.Ye.
Kuz'min V.A.
Strakhov, K.I.
Shageyev, Ye. A.

TITLE: The Production of Accurate Castings by the Lost Wax
Process with Patterns Made of Composition MAI-KTM-500.
(Proizvodstvo tochnogo lit'ya po vyplavlyayemym
modeliam na sukhom napolnitele s primeneniem
splava MAI-KTM-500)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 11, pp 19-21 (USSR)

ABSTRACT: This article is about a suggestion that was awarded
second premium in an All-Union power economy competition.
The staff of the works together with the Chair of Metal
Technology of the Moscow Aviation Institute developed
and introduced the process of accurate casting by the
lost wax process using a dry filler for the pattern,
composition MAI-KTM-500 instead of the old wet filler.

Card 1/3

SOV/94-58-11-10/28

The Production of Accurate Castings by the Lost Wax Process with Patterns Made of Composition MAI-KTM-500.

The composition previously used for making patterns is given, the new composition consists of 34.5% rosin, 11.8% paraffin wax, 1.0% ceresine, 0.4% bitumen. A variety of different parts that have been produced by this method are illustrated in Figs. 1, 2 and 3. A wider range could be made than previously because the ceramic covers of the moulds are much stronger than before. The new composition can be used repeatedly. The advantages of the new composition over materials of lower and higher melting points are briefly stated. When the composition is melted out of the mould little damage is done because its coefficient of expansion is small. Indeed, the moulds are even strengthened because the composition penetrates into the pores of the ceramic. Especially good results were obtained with the new material in the manufacture of turbine blades as shown in Fig. 4. As a result of introducing

Card 2/3

SOV/94-58-11-10/28

. The Production of Accurate Castings by the Lost Wax Process with
Patterns Made of Composition MAI-KTM-500.

the new method of accurate casting, the annual
economy of electric power is more than 2.4 million kWh
and working conditions have been improved. There are
4 figures.

Card 3/3

BARANOV, G.P.; IVIN, Yu.F.; CHEMZOV, V.A.

Study of the separation of an iron hydroxide suspension by
filtration with the use of an auxiliary substance. Khim.prom.
no.3:201-204 Mr '62. (MIRA 15:4)
(Iron hydroxide) (Filters and filtration)

1. IVINA, Ye.
 2. USSR (600)
 4. Sulfur Springs - Kemerri, Latvia
 7. Investigation of microflora of the sulfur springs in Kemerri. Latv. PSR Zin. Akad. Vestis no. 10, 1950.
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

1. IVINA, E.
2. USSR (600)
4. Lactic Acid Bacteria
7. Study of the morphology of Lactobacilli. Latv. PSR Zin. Akad. Vestis no. 11. 1950

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

1. IVINKA, E.
2. USSR (600)
7. "A Study of the Morphology of Lactic-Acid Bacterin", Izvestiya AN Latv. SSR (News of the Acad Sci Latvian SSR), No 11 (40), 1950, pp 77-82.
9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1952, pp 121-132. Unclassified.

IVINSKAYA, I. K.

23650.

K VOPROSU O REAMPUTATSIYAKH. TRUDY SARAT. GOS. MED. IN-TA, T. VIII, 1949, s. 133-36.

SO: LETOPIS' NO. 31, 1949

IVINSKAYA, Iya Konstantinovna

Transplantation of ureters in the intestine according to "Miretvertsev."

Dissertation for candidate of a Medical Science degree.
Chair of the Department of Surgery (head prof. I.M. Popov'yan) Saratov
Medical Institute, 1951

IWINSKAYA, I.K., kand.med.nauk

Case of two gastric ulcers in a patient with situs viscerum
inversus totalis. Nov. khir. arkh. no.2:122-123 Mr-Ap '60.
(MIRA 14:11)

1. Kafedra fakul'tetskoy khimurgii imeni S.M.Mirotvortseva (zav. -
prof. I.M.Popov'yan) Saratovskogo meditsinskogo instituta.
(VISCERA—ABNORMALITIES AND DEFORMITIES)

IVINSKAYA, I.K., kand.med.nauk

Late results following resection of the stomach for exclusion in
ulcers of the duodenum. Khirurgia no.3:55-58 '62.
(MIRA 15:3)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (dir. - prof. I.M.
Popov'yan) Saratovskogo meditsinskogo instituta.
(STOMACH--SURGERY) (DUODENUM--ULCERS)

ПОПОВЯН, Г.М., аспирант; АДИСЯН, Г.М., врач

Surgical treatment of colic toxic and common colitis. Sov. nauch. zhurn. Sur. gen. med. inst. 44:271-275 '64.

(MIFI 18:7)

I. fa fakultetskoy khirurgicheskoy kliniki (zav. - prof. F.M. Popovyan [deceased]) Saratovskogo meditsinskogo instituta.

INITIAL, i.e. ...

"Effect of the Character of Food of Calves on Their Development, Metabolism, and Later Milk Productivity." Carl Agr Sci, Khar'kov Veterinary Inst; Ukrainian Sci Res Inst of Animal Husbandry, Khar'kov, 1953. (RNADol, No 7, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

IVITSAYA, Ye. N.

STAROVEROV, N.A., kand. sel'skokhozyaystvennykh nauk; IVITSAYA, Ye.N.,
kand. sel'skokhozyaystvennykh nauk.

Urea as a source of protein nutrition for young cattle. Zhivotno-
vodstvo 20 no.3:41-44 Mr '58. (MIRA 11:2)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva Lesostepi i
Poles'ya USSR.
(Urea) (Calves--Feeding and feeding stuffs)

IVITSKII, A.I.

BC

B-3-1

Delivery of water by peat. A. I. Ivitskii (Izdatgostroy, 1939, No. 11, 18-30). The "sp. delivery" of peat is defined as the quantity of free (or gravitational) and capillary H₂O contained in unit vol. of the material when saturated to full moisture capacity. In samples studied, it varied from 1 to 8% of the vol. of peat. It increased with the coeff. of filtration of the peat and the height of the sample above the H₂O-table.

ADM-1A METALLURGICAL LITERATURE CLASSIFICATION

SCHEMATIC

SYNTHETIC

LITERATURE

SERIALS

JOURNALS

BOOKS

REPORTS

STANDARDS

TECHNICAL

PUBLICATIONS

STANDARDS

IVITSKIY, A. I.

27004

Vliyanie Osusheniy Bolot Na Rezhim Rek. V. SB: K Voprosu Osvoeniya I
Razvitiya Proizvodit. Sil Poles'ya Minsk. 1949. S. 192-200

SO. LETOPIS NO. 34

IVITSKIY, A I

2/5
(32.873
.11

KRATIKOYE RUKOVODSTVO PO USTROYSTVU KROTOVOGO DRENAZHAY TORKANO-SOLOTNYKH
POCHVAKH (SHORT HANDBOOK ON THE INSTALLATION OF MOLE DRAINS IN PEAT BOG SOIL, BY)
A. I. IVITSKIY (I) L. N. RUBENCHIK. MINSK, IzDAVO AKADEMII NAUK BSSR, 1954.

22 P. ILLUS., DIAGRS., TABLES.

AT HEAD OF TITLE: AKADEMIIA NAUK BELORUSSKOY SSR. INSTITUT MELIORATSII, VODA
NGO I SOLOTNAGO KHO.YAYSTVA.

IVITSKIY, A. I.

6768. Ivitskiy, A. I. Printsypry proyektirovaniya zakrytogo
drenazha v Beloroskoy SSR. Minsk, Izd-vo Akad. nauk BSSR, 1954.
100 s. s. ill. 20 sm. (Akad. nauk belorus. SSR In-t melioratsii,
vodnogo i bolotnogo khozyaystva). 2.000 ekz. 2 r. 50 k. - Bibliogr:
s. 94-98 (84 nazv.)- (55-2332) p 631.6:626.86 (47.60) & (016.3)

SO: Knizhnaya Letopis' No. 6, 1955

IVITSKIY, A. I. Doc Tech Sci -- (diss) "Foundations of the
Planning, Design and Calculation of Poles'ye Drainage Systems." Mos, 1957.
31 pp 21 cm. (Mos Inst of Water Development Engineers im V. R.
Vil'yams), 150 copies (KL, ~~XX~~ 17-57, 96)

SKOROPANOV, S.G., glavnnyy red.; PECHKUROV, A.F., kand.sel'skokhoz.nauk, red.; KHOT'KO, A.I., kand.sel'skokhoz.nauk, red.; IVITSKIY, A.I., doktor tekhn.nauk, red.; BEL'SKIY, B.B., kand.sel'skokhoz. nauk, red.; MARIKS, L., red.izd-va; VOLOKHANOVICH, I., tekhn.red.

[Achievements of the science of land reclamation in the White Russian S.S.R.; works of the institute dedicated to the 40th anniversary of the White Russian S.S.R.] Dostizheniya meliorativnoi nauki v BSSR; institut k 40-letiju BSSR. Minsk, Akad. nauk BSSR, 1958. 193 p.

(MIRA 13:6)

1. Minsk, Belaruski naukova-dasledchy instytut melioratsyi i vodnoi haspadarki. 2. Chlen-korrespondent AN BSSR (for Skoropanov).

(White Russia--Peat soils)

SKOROPANOV, S.G., glavnnyy red.; PECHKUROV, A.F., kand.sel'skokhoz.nauk,
red.; KHOT'KO, A.I., starshiy nauchnyy sotrudnik; red.; IVITSKII, A.I.,
doktor tekhn.nauk, red.; BEL'SKIY, B.B., kand.sel'skokhoz.nauk, red.;
PROKOPENKO, D.P., tekhn.red.

[Principal results of research carried out by the White Russian
Scientific Research Institute of Land Reclamation and Water
Management in 1957] Osnovnye rezul'taty nauchno-issledovatel'skoi
raboty instituta za 1957 god. Minsk, 1958. 280 p.

(MIRA 14:2)

1. Minsk. Belaruski navukova-issledchhy instytut meliaratsyi
vodnej kspadarki. 2. Chlen-korrespondent AN BSSR (for Skoropanov).
(White Russia--Drainage research)
(White Russia--Agricultural research)

IVITSKIY, A.I., doktor tekhn. nauk; ROMANIKHINA, Ye.A., red.;
YERMILOV, V.M., tekhn. red.

[Provisional technical specifications and norms for designing the drainage systems for the excessively wet mineral soils in White Russia] Vremennye tekhnicheskie usloviia i normy dlia proektirovaniia osushitel'nykh sistem na mineral'nykh izbytochno uvlazhnenykh zemliakh v BSSR. Minsk, Izd-vo Akad. sel'khoz.nauk BSSR, 1959. 17 p. (MIRA 17:4)

1. White Russia. Ministerstvo sel'skogo khozyaystva. Glavnoye upravleniye melioratsii i vodnogo khozyaystva.

IVITSKIY, A.I.

New approach to determining the rate of drainage of soils under
melioration. Dokl. AN BSSR 6 no.7:795-797 D '62. (MIRA 16:9)

1. Belorusskiy nauchno-issledovatel'skiy institut melioratsii i
vodnogo khozyaystva.

IVITSKII, A.I., prof. (Minsk)

Critical and optimal norms for the drainage of swamps. Gidr. i
mel. 14 no.12:33-42 D '62.
(Drainage) (Swamps) (MIRA 16:5)

IVITSKIY, A. I.

"Methods of draining marshy lands"

report to be submitted for the United Nations Conference on the
Application of Science and Technology for the Benefit of the Less
Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

ZUBETS, V.M., otv. red.; LASHKEVICH, G.I., red.; PECHKUROV, A.F.,
red.; IVITSKIY, A.I., red.; BEL'SKIY, B.B., red.; LUNDIN,
K.P., red.; MISHANOVA, Ye.A., red.; TIMOSHCHUK, R.S.,
tekhn. red.

[Draining and utilizing peat-bog soils] Osushenie i ispol'-
zovanie torfiano-bolotnykh pochv. Minsk, Gos.izd-vo sel'-
khoz.lit-ry BSSR, 1963. 316 p. (MIRA 16:12)
(Peat soils) (Drainage)

IVITSKIY, A.I., prof.; FILONOVIDCH, P.K., inzh.

Silting of tile drainage in mineral soils. Gidr. i mel. 16 no.6:
33-39 Je '64.
(MIRA 17:9)

1. Nauchno-issledovatel'skiy institut melioratsii i vodnogo
khozyazstva BSSR.

IVITZ, Rudolf

Polyamide bearings and the conditions for their use in the weaving industry. Magy textil 13 no.5:180-184 My '61.

FEHER, Janos, adjunktus; IVITZ, Rudolf, tanarseged

The role and adjustment of the exterior driving rod on rotary
drum looms. Magy textil 14 no.6:257-259 Je '62.

1. Budapesti Muszaki Egyetem Textiltechnologia es Konnyuiipari
Tanszek.

IVITZ, Rudolf, okleveles gépeszmérnök, műegyetemi tanársegéd

Dynamic effect of the sley on the loom. Magy textil 15 no.4:154-156
Ap '63.

JEDERAN, Miklos, dr., adjunktus, a muzsaki tudomanyok kandidatusa; IVITZ,
Rudolph, adjunktus.

Method for calculating the desaxiality of the sley mechanism.
Magy textil 16 no.7:299-301 J1 '64.

IVKIN, A.P.

More sugar for the country. Sakh. prom. 33 no.2:10-13 F '59.
(MIRA 12:3)

1.TSentral'nyy Komitet profsoyuza rabochikh pishchevoy promysh-
lennosti.
(Sugar industry)

ZOTOV, V.P.; SILUYANOV, V.G.; GUGINA, Ye.F.; AUERMAN, L.Ya.; ALEKHINA, M.S.; BEZZUBOV, A.D.; BODROV, V.A.; BUDNYY, A.V.; BURTSEV, Ye.L.; VAYNSSTEYN, V.O.; GAVRILOV, A.N.; CORBATOV, V.M.; GRITSENKO, N.N.; DOLGUSHEVA, L.I.; YEDYGENOV, K.Ye.; ZHURAVLEVA, S.S.; ZACHESKIN, Ya.A.; IVKIN, A.P.; IZOTOV, A.K.; IL'INSKIY, N.A.; IRINARKHOVA, A.M.; KARPEMKO, A.K.; LYSOGOR, P.M.; LUPISH, A.T.; OLEYNIKOV, V.V.; ORANZHEREYEVA, V.R.; PETROV, N.A.; PYATIBRATOV, M.A.; ROMANOV, A.N.; RAUBE, P.V.; RYZHENKO, L.P.; SEMYKIN, A.A.; SHEFER, A.P.

G.IA.Ivanov; obituary. NTO 4 no.10:39 0 '62. (MIRA 15:9)
(Ivanov, Georgii IAkovlevich, 1897-1962)

IVKIN-E.A.

Veterinariya tract Guzarsky rayon, Kirovsk-Darinskoy oblast.

Treatment of diarrhea in young pigs by means of trace elements. - E. A. Ivkin. - Veterinariya 33, No. 5, 61 (1950).
—Prolonged winter diarrhea in young pigs was quite successfully treated, with few fatalities, by using 2.5 g. FeSO₄ and 1 g. CuSO₄ per 1 l. H₂O soln., the dose being one large spoonful 4 times a day for 3-4 days. An addn. of 50 mg. CoCl₂ to the daily feed was also helpful, for the 1st day.
G. M. Kosmopoulos

LOPATIN, M. I., polkovnik; VORON'KO, F. F., polkovnik; IVKIN, G. V., polkovnik;
LAKHIN, A. F., podpolkovnik; SIMAKOV, I. I., major; GLEDOVETS, P. P.,
redaktor; MYASNIKOVA, T. F., tekhnicheskiy redaktor.

[Manual of methods for training soldiers in topography] Poobie po
metodike topograficheskoi podgotovki soldat. Moskva, Voen.izd-vo
Ministerstva obor. SSSR, 1956. 102 p.
(Military topography) (MLRA 9:5)

LOPATIN, M.I.; VORON'KO, K.P.; IVKIN, G.V.; LAKHIN, A.P.; SIMAKOV, I.I.;
KREKSHIN, N.A., podpolkovnik, red.; MEDNIKOVA, A.N., tekhn.red.

[Manual of methods for training soldiers in topography] Posobie
po metodike topograficheskoi podgotovki soldat. Izd.2., perer. i
dop. Moskva, Voen.izd-vo M-va obor.SSSR, 1959. 136 p.
(Military topography) (MIRA 13:8)

IVKIN, I. B.

7

Effect of disturbance of short-range order on the electrical properties
of solid solutions with tetrahedral structure of distribution of atoms.
D. I. Tret'yakov.

Some electrical properties of solid solutions in the system
 $\text{AgInTe}_2\text{-2InSb}$. S. M. Mamayev, V. D. Prochukhan.
(Presented by D. I. Tret'yakov--15 minutes).

(Paper not presented.)]

Investigation of thermally stimulated current in vitreous $\text{Tl}_2\text{Se}\cdot\text{As}_2\text{Te}_3$.
A. M. Andriyash, B. T. Kolomiyets.

Measurement of the mobility of current carriers in vitreous chalcogenide
semiconductors. I. B. Ivkin, B. T. Kolomiyets, E. A. Lebedev.

Oxychalcogenide Glasses. B. T. Kolomiyets, V. P. Shilo.
(Presented by B. T. Kolomiyets--20 minutes).

Report presented at the 3rd National Conference on Semiconductor Compounds,
Kishinev, 16-21 Sept 1963

IVKIN, M.A.

How we service electric central control. Avtom., telem. i aviaz' no.2:
31-32 F. '57. (MLR 10:4)

1. Zaveduyushchiy elektricheskoy tsentralizatsiyey stantsii Usaty
Tomskoy dorogi.
(Railroads--Automatic train control)

ROZHDAYEV, V.I.; SILAYEV, A.M.; IVKIN, N.; PRIYMA, O.; TITOK, V.;
ROMANOVSKIY, A.B.; KHERUVIMOV, V.P.

Brief news. Veterinariia 42 no.11:121-126 N '65. (MIRA 19:1)
1. Sekretar' obshchestvennogo redaktsionnogo soveta zhurnala
"Veterinariya" (for Rozhdayev).

✓ Analcime from Karadag. N. M. Ivkin. *Zapiski Vseso-*
mos. Mineralog. Obrshchestva 84, 232-7 (1953).—Chemical
analysis of the analcite: 51.00% SiO₂, 22.51% Al₂O₃,
13.11% Na₂O, 0.12% K₂O, 1.33% CaO, 0.12% MgO,
8.30% H₂O, sum 100.49, corresponding to the formula
(Na₂. K₁. Ca. Mg) O₂Al₂O₅SiO₄·2H₂O. The anomalous
CaO content is explained by the paragenesis of the analcime
with calcite in amygdales of basalt and andesites of the
Kok-Kaya, Magnitny, Shapka Monomakha Ranges, and
the Mal'ki Karadag, on the east side of the Krim Peninsula,
near Feodosiya. Other zeolites of the same occurrence are
natrolite, mesolite, coesite, thomsonite, heulandite, des-
mine, phacolite, ptilolite. The analcime occurs in two gen-
erations: (1) in cubes ~0.5 cm. in diam., (2) water-clear
crystals with the form {211}/1 to 3 cm. in diam. n =
1.459, d = 2.21

W. Eitel

IVKIN, N.M.; KITAYGORODSKIY, N.S.; KOTEL'NIKOV, D.D.; MOROLEV, Yu.M.

Analogue of allevardite from Daghestan. Zap. Vses. min. ob-va 88
no.5:554-563 '59. (MIRA 13:2)
(Daghestan--Mica)

IVKIN, N.M.

Thenartide of Batmak Lake in the Daghestan A.S.S.R. Zap.Vses.min.
ob-va 90 no.3:312-320 '61. (MIRA 14:10)

1. Kazakhskiy nauchno-issledovatel'skiy institut mineral'nogo
syr'ya.
(Daghestan---Thenartide)

YESENOV, Shakhmardin Yeselovich; KUZIN, Mikhail Fedorovich;
YERDZHANOV, Kariboz Nagayevich; IVKIN, N.M., oty. red.;
SAGUNOV, P.G., red.izd-va

[Prospecting for pegmatite deposits, piezoptic and ceramic
mineral resources in Kazakhstan] Poiski i razvedka pegmati-
tovykh mestorozhdenii p'ezoopticheskogo i keramicheskogo mi-
neral'nego syr'ia na territorii Kazakhstana. Alma-Ata, Ka-
zakhskii nauchno-issl. in-t mineral'nogo syr'ia MG i ON
KazSSR, 1963. 109 p.
(MIRA 17:1)

IVKIN, N.S., student; KAZHIEV, R.V., veterinarian; MZHEDIN, I.Ye.,
veterin.fel'dsher (Krasnodarskiy kray, Yaroslavskiy rayon).

Methoda for throwing and restraining a horse. Veterinariia 36
no.10:48-49 0 '59.
(MIRA 13:1)

1. Moskovskaya veterinarnaya akademiya (for Ivkin)
(Horses) (Veterinary medicine)

IVKIN, V.G.

Change of the standard network of the d.c. control board of a
substation. Energetik 11 no.8:34 Ag '63. (MIRA 16:10)

BURMISTROV, I.A.; IVKIN, V.V.

Device for profiling packing tendrils. Mashinostroitel'
no.3:17 Mr '60. (MIRA 13:6)
(Packing (Mechanical engineering))

L-6805-69

ACCESSION NR: AP4044637

$\text{cm}^2/\text{V sec}$ for $\lambda = 3$. The drift mobility measurements were performed with samples from 20 to 40 microns thick carriers were produced at the Battelle Seattle Research Laboratory.

BORISOVA, L.N.; KONYUKHOVA, M.V.; IVKINA, N.S.

Recombinations of *Act. aureofaciens*. Antibiotiki 7 no.8:685-689
Ag '62.
(MIRA 15:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.
(ACTINOMYCES)

LYAIKOV, K.S.; IVKINA, Ye.G.

Entropy of aerial photography. Usp.nauch.fot. 10:94-101 '64.
(MIRA 17:10)

MARKEVICH, S.V.; IVKO, A.A. [Iuko, A.A.]; KOZLYAK, M.I.

Deuterium exchange on solid surfaces in the gas phase. Part 3:
Effect of an admixture of potassium oxide in silica gel on
the reaction of deuterium and ethylene. Vestsi AN BSSR. Ser.
Fiz.-tekhn. nav. no. 4:46-52 '60. (MIRA 14:1)
(Deuterium) (Ethylene) (Potassium oxide)

5.1190

33497
S/195/61/002/005/024/027
E040/E485

AUTHORS: Markevich, S.V., Ivko, A.A.

TITLE: H-D exchange in the C₂H₄-D₂ system in the presence of alumina-silica catalysts

PERIODICAL: Kinetika i kataliz, v.2, no.5, 1961, 788-793

TEXT: In spite of the numerous investigations of catalytic cracking of petroleum hydrocarbons and the immense industrial importance of such processes, their mechanism is still far from being fully elucidated. The solution of this problem should be sought in studies of deuterium reaction with individual hydrocarbons because although these reactions are comparatively simple, they nevertheless involve many elementary stages characteristic of the kinetics of ordinary reactions. A brief review of previously reported investigations of the reaction of deuterium with various hydrocarbons, e.g. in the CD₄-CH₄ system, is followed by consideration of the results obtained by the authors in their study of deuterium-ethylene mixtures heated to 350°C in the presence of alumina-silica catalysts containing from 10 to 70% Al₂O₃. Detailed test procedures used in the investigations were described

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Card 1/3

33497

S/195/61/002/005/024/027

H-D exchange in the C₂H₄-D₂ system ... EO40/E485

previously (Ref.15: The present authors and M.I.Kozlyak, Izv. AN BSSR, no.4, 1960, 46) and involved the preparation of D₂ and its reaction with ethylene in the 3:1 mixture ratio, at a total pressure in the system of 300 mm Hg and in the presence of 4 g of catalyst. Results of mass-spectrographic analyses of the products are reported for reaction times ranging from 30 to 150 min. It is clear from the data that the reaction of deuterium with ethylene under the above conditions is limited to isotopic exchange only because no indication was found of the presence of hydrogenation, cracking, polymerization, isomerization or cyclization reactions. Curves plotted for kinetics of the deuterium exchange as a function of the alumina concentration in the catalyst show it to be of the first order. The velocity constant of the deuterium exchange reaction rises steadily with increasing alumina content in the catalyst. An attempt is made to formulate the mechanism of the reactions involved and to calculate the velocity constants of isotopic exchange on seven catalyst mixtures with variable alumina contents. The value of the velocity constants was found to rise progressively with increasing alumina content in the alumina-silica

Card 2/3

H-D exchange in the C₂H₄-D₂ system

33497
S/195/61/002/005/024/027
E040/E485

catalyst. Because the acidity of the catalyst passes through a maximum corresponding to 20-40% of Al₂O₃ concentration in the catalyst, it is concluded that there is no correlation between the surface acidity of the catalyst and the catalytic activity with respect to isotopic hydrogen exchange reactions. There are 3 figures, 1 table and 19 references: 10 Soviet-bloc, 2 Russian translations of non-Soviet-bloc work and 7 non-Soviet-bloc. The four most recent references to English language publications read as follows: Ref. 8: S.G.Hindin, G.A.Mills, A.S.Oblad, J. Amer. Chem. Soc., a) v.73, 1951, 278; b) v.77, 1955, 543; Ref. 9: V.C.Holm, R.W.Blue, Ind. Eng. Chem., a) v.43, 1951, 494; b) v.43, 1951, 501; Ref. 10: K.S.Hansford, Ind. Eng. Chem., v.44, 1952, 1108; Ref. 18: K.J.Laidler, M.C.Wall, M.C.Markham, J. Chem. Phys., v.20, 1952, 1331. ✓

ASSOCIATION: Institut fiziko-organicheskoy khimii AN BSSR
(Institute of Physical and Organic Chemistry AS BSSR)

Card 3/3

Ivko, V. M.

S/181/60/002/007/015/042
B006/B070

AUTHORS: Sapogin, L. G., Ivko, V. M.

TITLE: An Apparatus for Measuring and Recording the Resistance of
Semiconductors in the Coordinates $\log R = f(1/T)$

PERIODICAL: Fizika tverdogo tela, 1960, Vol. 2, No. 7, pp. 1482-1488

TEXT: Usually, the conductivity of a semiconductor is measured by a compensation method, and results are shown as curves $\log \sigma = f(1/T)$ on a graph. This method has a number of inaccuracies and sources of error which are discussed in the introduction. The authors have developed an instrument (whose block diagram is shown in Fig. 1), which consists essentially of a combination of a logarithmic and a hyperbolic amplifier, and allows the curve $\log R = f(1/T)$ to be recorded directly, without the disadvantages of the earlier methods. The apparatus works as follows: When a semiconductor is placed in the field of an alternating current of constant magnitude (originating from a sound generator of the type 3Г-10 (ZG-10)), the potential appearing on the probe of the semiconductor is

Card 1/3

An Apparatus for Measuring and Recording the
Resistance of Semiconductors in the
Coordinates $\log R = f(1/T)$

S/181/60/002/007/015/042
B006/B070

proportional to the resistance of the latter. The logarithm of this potential is taken by the logarithmic amplifier, and recorded by an automatic electronic potentiometer of the type ЭПП-09 (EPP-09) (or, even better, by a two-coordinate recording instrument). The function $M \log R = f(N/T)$ is recorded on the band of the apparatus, the coefficient M depending on the dimensions of the sample, and N on the thermocouple. N is determined from the characteristics of the hyperbolic amplifier. The theory of determination of the temperature dependence of the conductivity of semiconductors is discussed at first. Later, the logarithmic amplifier (Fig. 2 shows the exact connections), and the hyperbolic amplifier (Fig. 3 connections, Fig. 4 calibration curve) are described in detail. Finally, the measurement of a high-resistance sample is described. The apparatus was tested on samples of Ge, Te, Si, and other elements. Fig. 6 shows the curves of some measurements on Ge, Te, and Si. The values obtained are for Ge: $\Delta E_0 = 0.78$ ev, and for Te: $\Delta E_0 = 0.4$ ev. The authors thank V. P. Zhuze, A. N. Goldobin, A. N. Kharin, and G. V. Dudko for discussions. There are 6 figures and 3 references: 2 Soviet

VC

Card 2/3

An Apparatus for Measuring and Recording the
Resistance of Semiconductors in the
Coordinates $\log R = f(1/T)$

S/181/60/002/007/015/042
B006/B070

and 1 US.

ASSOCIATION: Taganrogskiy Radiotekhnicheskiy institut (Taganrog
Radiotechnical Institute)

✓C

SUBMITTED: February 8, 1960

Card 3/3

IVKOV, A.D.; KIRYAKINA, G.K.; KUR'YEV, Yu.N.

Characteristics of anesthesia in regional perfusion. Ortop.
travm. i protez. 26 no.6:36-40 Je '65. (MIRA 18:8)

1. Iz kafedry travmatologii i ortopedii (nachal'nik - prof.
I.L. Krupko) Voyenno-meditsinskoy ordena Lenina akademii imeni
Kirova. Adres avtorov: Leningrad K-9 Botkinskaya ul., d.13
klinika ortopedii i travmatologii Vcyenno-meditsinskoy akademii
imeni Kirova.

IVKOV, Mil.

Shipbuilding, an outstanding export industry in Yugoslavia.
Medun transp 9 no.5:353-356 My '63.

Ivkov, Radovan.

Ivkov, Radovan. Sunske kulture za srednju sumarsku školu. Usmnozeno kao rukopis.
Beograd, Znanje, 1950. 187 p. (Forestry culture for middle forestry schools)

SO: Monthly List of East European Accessions, LC, Vol.3, No.1, Jan. 1954, Uncl.

COUNTRY : Yugoslavia
CATEGORY : CULTIVATED PLANTS. Introduction and Acclimatization.
JOUR. : RZBiol., No. 1 1959, No. 1968

AUTHOR : Ivković, Radovan
TITLE : Introducing Exotic Trees.

ORIG. PUB. : Shumastvo, 1958, 11, No.1-2, 16-23

ABSTRACT : The relief, geographic, climatic and soil conditions of Yugoslavia are more favorable than those of many other European lands for the introduction of exotic tree species. To fill out the assortment of forest stands and afforestation on the mountains and hills of the country, it is planned to send new species to special stations for preliminary trial and selection. Among the deciduous trees, the greatest amount of attention was

CARD: 1/2

KAMINIK, L.E.; ALEKSEYEV, V.M.; IVKOV, V.G.

Automatic calculation of luminescent micro-objects. Mikrobiologiya
34 no.1:171-175 Ja-F '65. (MIRA 18:7)

1. Institut biologicheskoy fiziki AN SSSR.

308
Card 3/3Y/001/63/000/002/006/005
D294/4308

AUTHOR:

Ivković, Aleksandar, Engineer

TITLE:

Visualization of phenomena in the boundary of a
supersonic air stream by the oil spraying method

PERIODICAL:

Tehnika, no. 2, 1963, 228a-228b

TEXT:

This article was originally submitted as a report at the Conference on Theoretical and Applied Mechanics in Split, June 4-10, 1962. A thin (< 0.01 mm after a long period of time) oil film is deposited on the test object and the walls of a wind tunnel if the inlet air contains a small quantity of oil vapor which is not noticeable. The deposit is concentrated in the regions of rapid increase of pressure gradient. Its small thickness indicates that the deposition is determined by conditions in the part of the boundary layer closest to the walls. This method has been utilized for studying stationary supersonic flow patterns. Comparative 'schlieren' photographs were taken. Advantages have been found in the spraying method particularly in ...

Y/001/63/000/002/006/006
D294/D308

Visualization of phenomena ...

ducts and nozzles of wind tunnels. There are 18 figures.

ASSOCIATION: Vazduhoplovnotehnički institut, Beograd, Žarkovo
(Institute of Aeronautics, Belgrade, Žarkovo)

Card 2/2

JOVANOVIC, Branislav, inz., saradnik (Beograd, Karadordeva 23); IVKOVIC,
Aleksandar, inz.; MILADINOVIC, Mirko, tehn.

Testing airtightness of concrete in vacuum tanks. Tehnika Jug:
Suppl.: Radioizotopi zrac 2 no.3:453-456 Mr '63.

1. Vazduhoplovnotehnicki institut, Beograd-Zarkovo.

24F

IVKOVIC, Branko, inz.

Correlation between the productivity and economy in metal processing by cutting. Tehnika Jug 18 no.10: Supplement: Masinstvo 12 no.10:1882-1884 0'63.

1. Sef odseka za mehanicku obradu u razvojnoj tehnologiji Zavoda "Crvena zastava", Kragujevac.

IVKOVIC, D.

The f.a.s./f.o.b. sales of the shippers contract bound to maritime conferences in the U.S.A. Medun transp 8 no.10:701-702 O '62.

MENDE, Rastislav, inz., naučni savetnik (Beograd, Strahinica Bana 33);
IVKOVIC, Dragisa, inz., saradnik

An interpretation of the origin of the regional gravimetric
influence in Montenegro. Tehnika Jug 19 no.1:Suppl:Rudarstvo
metalurg 15 no.1:73-78 Ja '64.

1. Zavod za geoloska i geofizicka istraživanja, Beograd.

IVKOVIC, L.

Cold urticaria, mechanism of exhaustion in reaction to cold.
Acta med. jugosl. 13 no.3:307-312 '59.

1. Department of Medicine "B", Medical Faculty, University of Belgrade.
(URTICARIA etiol.)
(COLD eff. inj.)

NIKOLIC,V.; IVKOVIC,L.; NIKOLIC,B.; CIRIC,O.; PAVLOVIC,D.

The blood serum protein system in persons hypersensitive to cold.
Acta med. jugosl. 13 no.3:313-318 '59.
(URTICARIA blood)
(COLD eff. inj.)
(BLOOD PROTEINS)

LJALJEVIC,M.; IVKOVIC,L.

Value of skin tests in food allergy. Acta med. jugosl. 13 no.3:
357-362 '59.

1. Clinique Medicale "B", Faculte de Medecine de Belgrade.
(FOOD)
(ALLERGY diag.)

IVKOVIC, Lazar, dr.

Pathogenesis and therapy of edemas in liver diseases. Med. glasn.
13 no.5:275-280 My '59.

1. Interna klinika B Medicinskog fakulteta u Beogradu, upravnik:
prof. dr. R. Berovic.
(~~EDEMA~~ etiol.)
(LIVER DISEASES compl.)

SPUZIC, V.; IVKOVIC, L.; VUKOBRAТОVIC, S.; TESIC, S.

Asthmogenic regions in Yugoslavia. Glas. srpske akad. nauk. [Med] no.15:
19-31 '60.

(ASTHMA. epidemiol)

S

DANILOVIC, Vojislav, prof. dr; GLIGOROVA, Nada, dr; DORDEVIC, Vlastimir, dr;
IVKOVIC, Lazar, dr.

Corticosteroids in the treatment of asthma. Med.glasn. 14 no.6:338-
342 Je '60.

1. Interna klinika B Medicinskog fakulteta u Beogradu (Upravnik:
prof. dr R.Berovic)
(ASTHMA ther)
(ADRENAL CORTEX HORMONES ther)

IVKOVIC, NIKOLA dr.

VASILIC, Momcilo, Dr.; IJKOVIC, Nikola, dr.

Sudden death caused by bronchography. Med. glasn. 10 no.10:
420-424 Oct 56.

1. Institut za sudsaku medicinu Medic, fakulteta u Beogradu
(upravnik prof. dr. J. Bogicevic). Institut za tuberkulozu
NR Srbije (director doc. dr. M. Grujic)
(BRONCHI, radiography
causing sudden death (Ser))
(DEATH, SUDDEN,
caused by bronchography (Ser))

ILIC, Lj.; KOVACEVIC, M.; GOLUBOVIC, V.; IVKOVIC, N.

Our preliminary experiences with Th 1314. Tuberkuloza, Beogr. 12 no.4:
74-78 '60.

l. Bolnica za grudobolne na Bezanijskoj Kosi (upravnik: prim. dr
Lj. Ilic)

(ANTITUBERCULAR AGENTS ther)

IVKOVIC, P.

Smallest cross section of a rectangular wooden beam. p. 1137.
TEHNKA (Savaz inzenjera i tehnicara Jugoslavije) Beograd
Vol. 11, no. 8, 1956

SOURCE: East Europe Accession List (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

COSIC, B.; MIJALKOVIC, A.; IVKOVIC, T.

Adams-Stokes syndrome as a 1st sign of rheumatic fever.
Reumatizam 13 no.1:12-16 '66.

1. Djecje odjeljenje Opste bolnice u Nisu.

YUGOSLAVIA/Electronics - Vacuum Technique.

H

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9309

Author : Ivkovic, V., Mavrodiev, G.

Inst : ~~.....~~

Title : Adjustable Gas Leak

Orig Pub : Repts. "J. Stefan" Inst., 1958, 5, 29-31

Abstract : Description of the construction and properties of a new gas leak valve, employed in the ion source of a Van de Graaff generator. The gas leak has many advantages over those usually employed: it is suitable for any gas, consumes little power, has low inertia. The regulating element is the metallic wire, heated by current flowing through it. -- N.A. Gozhenko

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IVKOVIC, Slobodan, inz., asistent

Working output of the Marini trailer vibration roller in
the packing of material. Saop Inst isp mat Srb ll no.20:
30-36 Ag '63.

1. Institut za ispitivanje materijala SR Srbije, Beograd.

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NG*

Leaching of enargite and their concentrates with sodium sulfide solutions. Vladimir Ivković (Chem. Tech. Inst., Belgrade, Yugoslavia) "Technik Rikem, Beograd 20, 211-13(1955). - Freshly and finely ground Sb sulfide ores (I) were found to be leached more readily, and at an accelerated rate in higher concns. of Na₂S solns. (during this work concns. 10% higher than theoretically necessary were used). A period of 20 min. was found sufficient to dissolve 98.48% of the mineral. As the concn. of Na₂S was raised more SiO₂ dissolved. An appreciable amount of Sb salts was absorbed by SiO₂. The quantity of Fe dissolved was significantly lower at the room temp. when the concn. of Na₂S was raised from around 10 to 18%. This was due to the absorption of Fe by SiO₂. Leaching of I in the presence of larger quantities of As ores indicated that less concn. Na₂S was needed to achieve a high degree of Sb and As removal, but the reaction rate was slower. Arsenic ores leached faster than I. This difference was attributed to a higher absorption rate of I by SiO₂. T. Jurečka

HUT

LVKOVIĆ, V.

✓ Clarification of liquors obtained by leaching antimony ores with sodium sulphide solution. V. LVKOVIĆ and V. PETROVIĆ (*Bull. Soc. chim. Belgrade*, 1955, **39**, 397 - 404). - Liquors obtained by leaching Sb ores with aq. Na₂S vary in colour from bright yellow to black, owing to colloidal Fe. More dil. Na₂S solutions give darker colours. The Sb content of the liquor increases slightly with the concn. of Na₂S, but the Fe content shows a max., and is very low with conc. Na₂S solutions. Clarification on standing may require ~40 days, but occurs in 15 min. if MgCl₂ is added. This addition does not affect the extraction of Sb, except with boiling solutions.

A. B. DENTON